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PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

March 2, 2006
Date

Ayesha J. Shaikh
Ayesha J. Shaikh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/781,987

Confirmation No. : 5377

Applicants : Randhir P.S. Thakur, Garry A. Mercaldi, Michael Nuttall, Shenlin Chen and Er-Xuan Ping

Filed : February 18, 2004

Attorney Docket No.: 500996.02 (30014/US/2)

Art Unit : 2818

Customer No. : 27,076

Examiner : Chuong A. Luu

Title : METHODS FOR ENHANCING CAPACITORS HAVING ROUGHENED FEATURES
TO INCREASE CHARGE-STORAGE CAPACITY

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


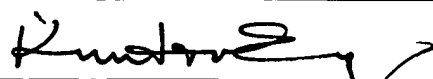
RESPONSE UNDER 37 C.F.R. § 1.111

Sir:

Please amend the above-captioned patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

Effective on 12/08/04 <div style="text-align: center;">  </div>		<div style="text-align: right; font-weight: bold;">Complete if Known</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Application No.</td><td>10/781,987</td></tr> <tr><td>Filing Date</td><td>February 18, 2004</td></tr> <tr><td>First Inventor</td><td>Randhir P.S. Thakur</td></tr> <tr><td>Group Art Unit</td><td>2818</td></tr> <tr><td>Examiner Name</td><td>Chuong A. Luu</td></tr> <tr><td>Atty. Docket Number</td><td>500996.02 (30014/US/2)</td></tr> </table>		Application No.	10/781,987	Filing Date	February 18, 2004	First Inventor	Randhir P.S. Thakur	Group Art Unit	2818	Examiner Name	Chuong A. Luu	Atty. Docket Number	500996.02 (30014/US/2)																																																																																												
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<input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No. 50-1266 ; Deposit Account Name: DORSEY & WHITNEY LLP . <input type="checkbox"/> Check Enclosed.		<div style="text-align: center; font-weight: bold;">3. ADDITIONAL FEES</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Large Entity Fee</th> <th style="width: 10%;">Small Entity Fee</th> <th style="width: 60%;">Fee Description</th> <th style="width: 20%;">Fee paid</th> </tr> </thead> <tbody> <tr><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td>\$</td></tr> <tr><td>130</td><td>65</td><td>Surcharge - Late nonprovisional filing fee or oath</td><td>\$</td></tr> <tr><td>180</td><td>180</td><td>Submission of IDS</td><td>\$</td></tr> <tr><td>40</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>\$</td></tr> <tr><td>120</td><td>60</td><td>Extension for reply within first month</td><td>\$</td></tr> <tr><td>450</td><td>225</td><td>Extension for reply within second month</td><td>\$</td></tr> <tr><td>1,020</td><td>510</td><td>Extension for reply within third month</td><td>\$</td></tr> <tr><td>1,590</td><td>795</td><td>Extension for reply within fourth month</td><td>\$</td></tr> <tr><td>2,160</td><td>1,080</td><td>Extension for reply within fifth month</td><td>\$</td></tr> <tr><td>790</td><td>395</td><td>Submission After Final 1.129</td><td>\$</td></tr> <tr><td>500</td><td>250</td><td>Notice of Appeal</td><td>\$</td></tr> <tr><td>500</td><td>250</td><td>Filing a brief in support of an appeal</td><td>\$</td></tr> <tr><td>1,000</td><td>500</td><td>Request for oral hearing</td><td>\$</td></tr> <tr><td>130</td><td>65</td><td>Terminal Disclaimer Fee</td><td>\$</td></tr> <tr><td>800</td><td>400</td><td>Design Issue Fee</td><td>\$</td></tr> <tr><td>790</td><td>395</td><td>Request for Continued Examination (RCE)</td><td>\$</td></tr> <tr><td>130</td><td></td><td>Request for voluntary publication or republication</td><td>\$</td></tr> <tr><td>500</td><td>250</td><td>Petition to Revive - unavoidable</td><td>\$</td></tr> <tr><td>1,500</td><td>750</td><td>Petition to Revive - unintentional</td><td>\$</td></tr> <tr><td>200</td><td></td><td>Filing for patent term adjustment</td><td>\$</td></tr> <tr><td>400</td><td></td><td>Request for reinstatement of term reduced</td><td>\$</td></tr> <tr><td>1,120</td><td></td><td>Extension of term of patent</td><td>\$</td></tr> <tr><td colspan="3">OTHER FEE (specify)</td><td>\$</td></tr> <tr><td colspan="3" style="text-align: right;">Subtotal (Additional Fees)</td><td>\$0</td></tr> <tr><td colspan="3" style="text-align: right;">Total Amount of Payment:</td><td>\$0</td></tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee paid	50	25	Surcharge - late provisional filing fee or cover sheet	\$	130	65	Surcharge - Late nonprovisional filing fee or oath	\$	180	180	Submission of IDS	\$	40	40	Recording each patent assignment per property (times number of properties)	\$	120	60	Extension for reply within first month	\$	450	225	Extension for reply within second month	\$	1,020	510	Extension for reply within third month	\$	1,590	795	Extension for reply within fourth month	\$	2,160	1,080	Extension for reply within fifth month	\$	790	395	Submission After Final 1.129	\$	500	250	Notice of Appeal	\$	500	250	Filing a brief in support of an appeal	\$	1,000	500	Request for oral hearing	\$	130	65	Terminal Disclaimer Fee	\$	800	400	Design Issue Fee	\$	790	395	Request for Continued Examination (RCE)	\$	130		Request for voluntary publication or republication	\$	500	250	Petition to Revive - unavoidable	\$	1,500	750	Petition to Revive - unintentional	\$	200		Filing for patent term adjustment	\$	400		Request for reinstatement of term reduced	\$	1,120		Extension of term of patent	\$	OTHER FEE (specify)			\$	Subtotal (Additional Fees)			\$0	Total Amount of Payment:			\$0
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<div style="text-align: center; font-weight: bold;">Petition Fee Under 37 CFR 1.17(f), (g), & (h)</div> Enclosed is a Petition filed under 37 CFR as indicated below: <input type="checkbox"/> Petition Fee under 37 CFR 1.17(f) Fee \$400 § 1.53(e) to accord a filing date. § 1.57(a) to accord a filing date. § 1.182 for decision on a question not provided for. § 1.183 to suspend the rules. § 1.378(e) for reconsideration of decision on petition refusing delayed payment of maintenance fee in expired patent. § 1.174(b) to accord a filing date to an application under §1.740 for extension of patent term. <input type="checkbox"/> Petition Fee under 37 CFR 1.17(g) Fee \$200 § 1.12 for access to an assignment record. § 1.14 for access to an application. § 1.47 for filing by other than all inventors or person not the inventor. § 1.59 for expungement of information. § 1.103(a) to suspend action in an application. § 1.136(b) for review of a request for ext. of time when §1.136(a) not avail. § 1.295 for review of refusal to publish a statutory invention registration. § 1.296 to withdraw a req. for pub. after notice of intent to publish issued. § 1.377 for review of decision refusing to accept a maintenance fee filed prior to expiration of a patent. § 1.550(c) for request for ext. of time in <i>ex parte</i> reexam. proceedings. § 1.956 for request for ext. of time in <i>ex parte</i> reexam. proceedings. § 5.12 for expedited handling of foreign filing license. § 5.15 for changing the scope of a license. § 1.5.25 for retroactive license. <input type="checkbox"/> Petition Fee under 37 CFR 1.17(h) Fee \$130 § 1.19(g) to request documents in a form other than provided in this part. § 1.84 for accepting color drawings or photographs. § 1.91 for entry of a model or exhibit. § 1.102(d) to make an application special. § 1.138(c) to expressly abandon an application to avoid publication. § 1.313 to withdraw an application from issue. § 1.314 to defer issuance of a patent.																																																																																																											
Submitted by:																																																																																																											
CUSTOMER NUMBER 27,076	DORSEY & WHITNEY LLP	1420 Fifth Avenue, Suite 3400 Seattle, WA 98101-4010 (206) 903-8800 phone / (206) 903-8820 fax																																																																																																									
Name: Kimton N. Eng		Reg. No.: 43,605																																																																																																									
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